



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/604,788	08/17/2003	Chien-Kuo Kuan	112.P77089	1787
43831 7590 10/26/2007 BERKELEY LAW & TECHNOLOGY GROUP, LLP 17933 NW Evergreen Parkway, Suite 250 BEAVERTON, OR 97006			EXAMINER LEE, CHEUKFAN	
			ART UNIT 2625	PAPER NUMBER
			MAIL DATE 10/26/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.		Applicant(s)	
	10/604,788		KUAN ET AL.	
	Examiner		Art Unit	
	Cheukfan Lee		2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1-11 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2625

1. Claims 1-11 are pending. Claims 1 and 7 are independent.
2. A telephone was made to attorney Calvin Wells in an attempt to get authorization to do an examiner's amendment but was not successful.
3. This application is in condition for allowance except for the following formal matters:

In claim 1, line 7, "CCFLand" should be changed to – CCFL and --; and
the last line, "the document" should be changed to – a document --.

In claim 7, line 7, "CCFLand" should be changed to – CCFL and --; and
line 15, "the document" should be changed to – a document --.

In claim 8, the last line, "the paper" should be changed to – the document – to be
consistent with the "document" of claim 7 upon which claim 8 depends.

In this Office action, claims 1, 7, and 8 are objected to. Claims 2-6, 9, 10, and 11
are objected to as being dependent on an objected claim.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

Art Unit: 2625

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

4. The following is an examiner's statement of reasons for allowance:

Claim 1 would be allowable over the prior art of record because the prior art does not disclose a scanning device comprising a cold cathode fluorescent lamp (CCFL), a heating light source capable of generating more heat than the CCFL and which requires a longer warm-up time period than the CCFL, a timer for counting a predetermined time period, a photosensor and a controller as claimed, wherein when the timer determines that a time period starting from the CCFL being enabled reaches the predetermined time period, the controller turns off the heating light source and performs scanning of a document using the CCFL.

Claims 2-6 depend on claim 1.

Claim 7 would be allowable over the prior art of record because the prior art does not disclose a multi-function product having a scanning device, the scanning device comprising a cold cathode fluorescent lamp (CCFL), a heating light source capable of generating more heat than the CCFL and which requires a longer warm-up time period than the CCFL, a photosensor, a timer for counting a predetermined time period and a controller as claimed, and a start button connected to the controller of the scanning device, wherein when the start button is triggered, the controller does not enable the CCFL so that only the heating light source is used to scan a document, wherein when the timer determines that a time period starting from the CCFL being enabled reaches

the predetermined time period, the controller turns off the heating light source and performs scanning of the document using the CCFL.

Claims 8-11 depend on claim 7.

Note: The closest reference Chang et al. (U.S. Patent No. 7,079,791) discloses a similar apparatus as that of the claimed invention. However, Chang et al. filed April 1, 2004 in the U.S. is not prior art to the present application filed August 17, 2003 and having a foreign priority date May 21, 2003.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chang et al. (U.S. Patent No. 7,079,791), "Apparatus for reducing warm-up time by auxiliary light source and method for the same", filed in the U.S. April 1, 2004

Tsuboi (U.S. Application Publication No. US 2005/0041269 A1), "Image forming apparatus and image scanning method", Fig. 3, both LED array and cold-cathode tube, Fig. 5

Noji et al. (U.S. Application Publication No. 2002/0008850 A1), paragraphs 0043, 0046 and 0049, fluorescent lamp and halide

Ichinose Shuichi (JP 02-107055), "Picture input device"

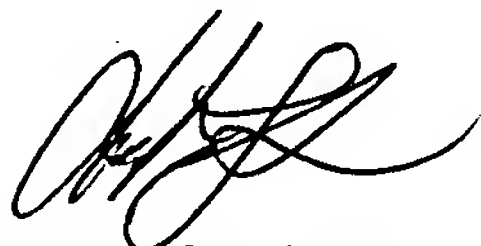
Art Unit: 2625

Ichinose Shuichi (JP 03-182157), "Picture input device"

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Cheukfan Lee
September 13, 2007